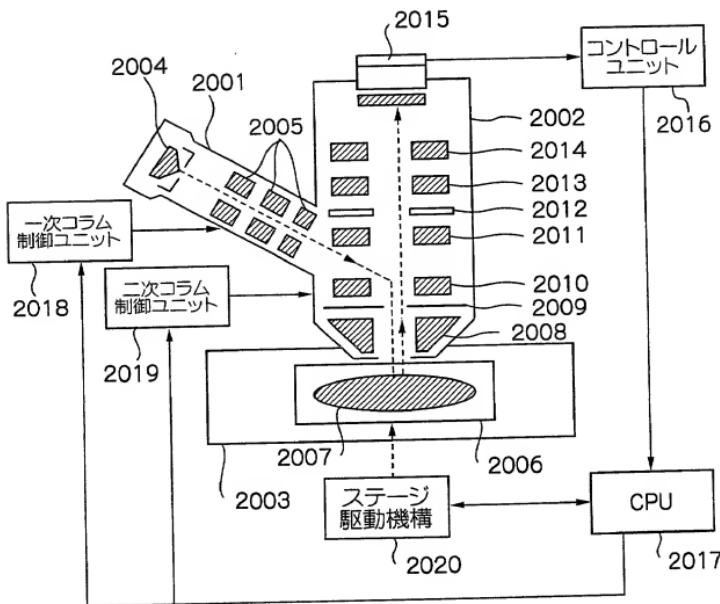
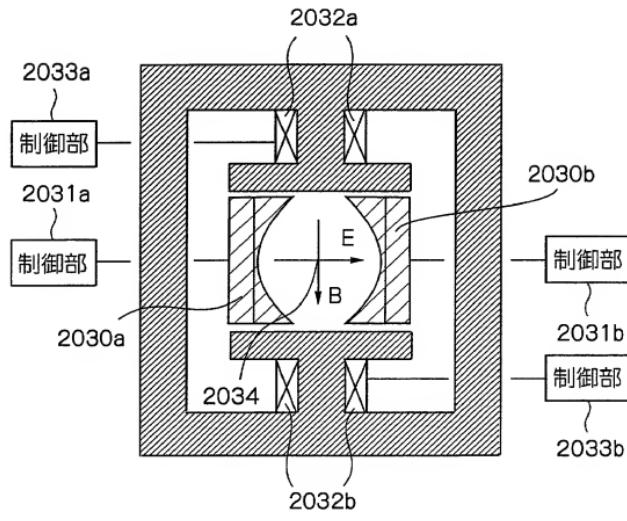


図 1



2



(a)

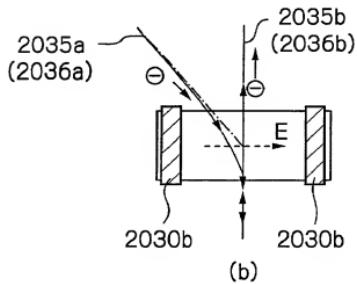


図 3

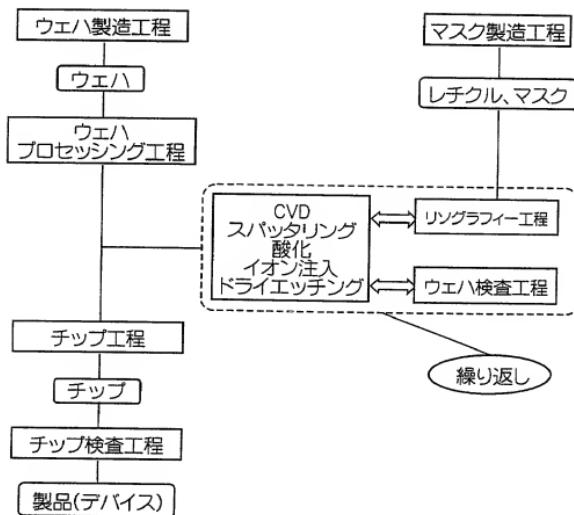
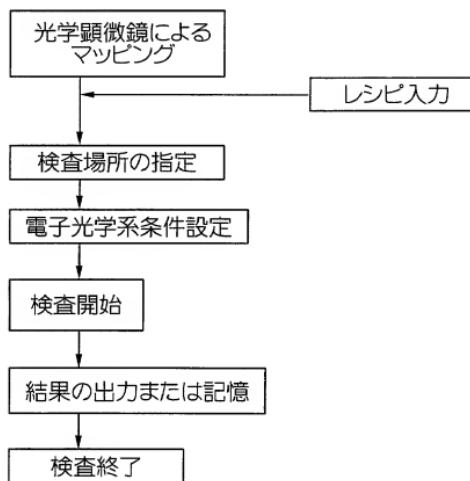


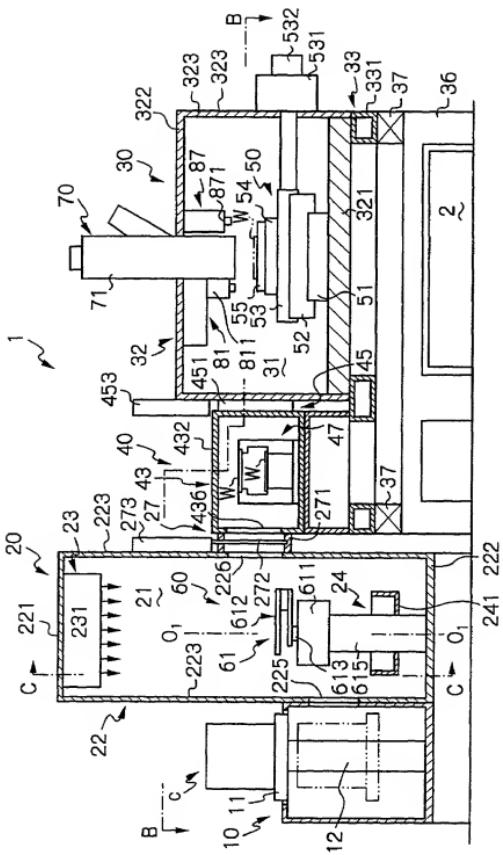
図 4



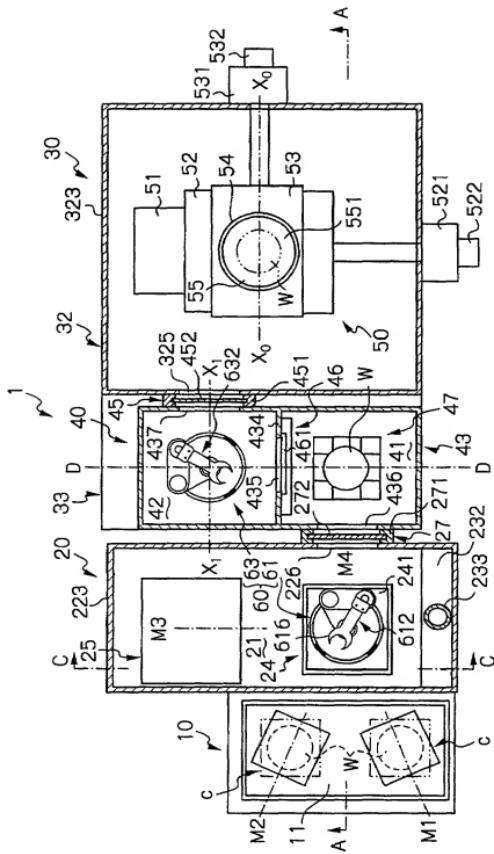
(a)



(b)

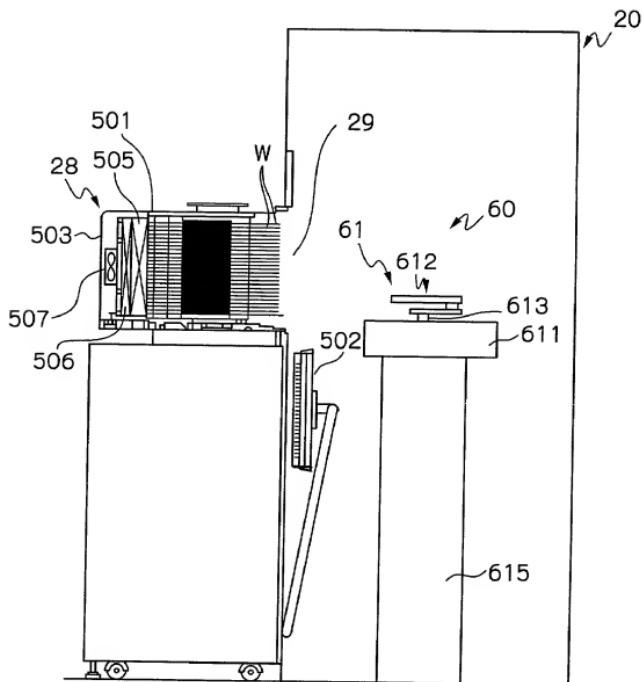


5



6(a)

図 6 (b)



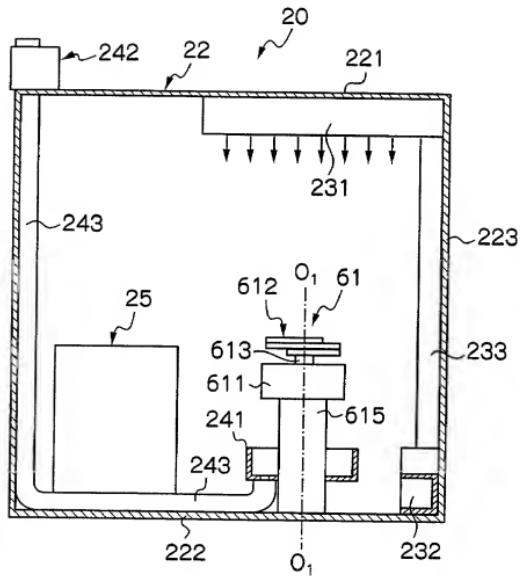


図7

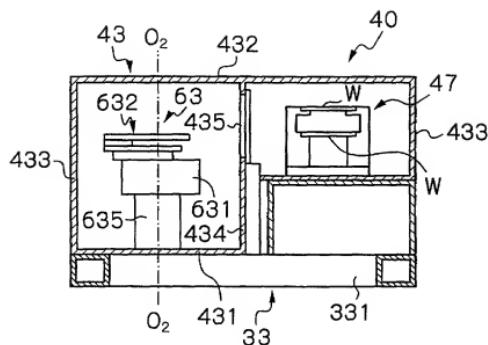


図8

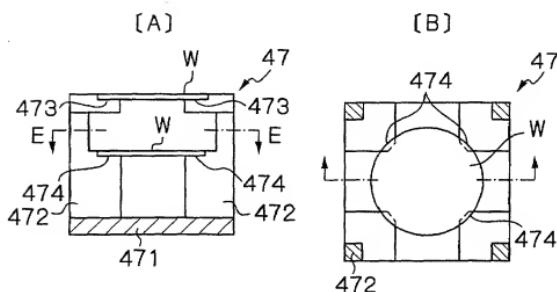


図9

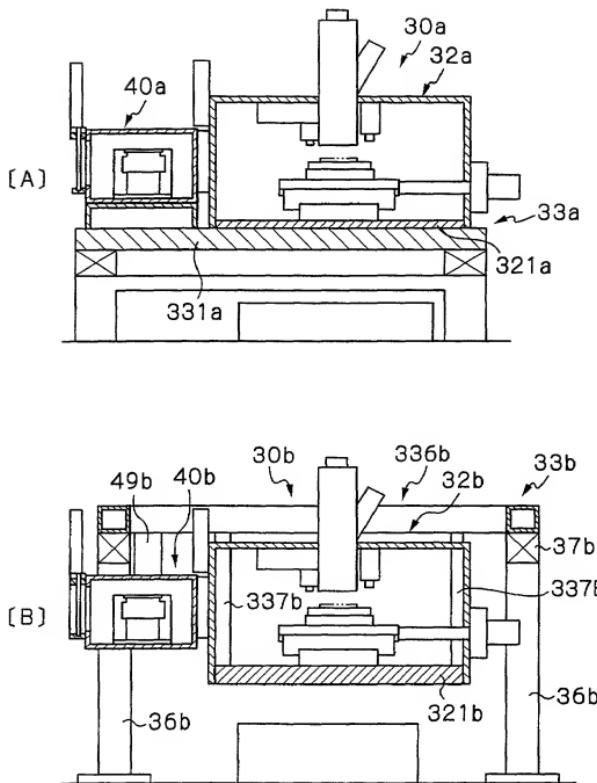
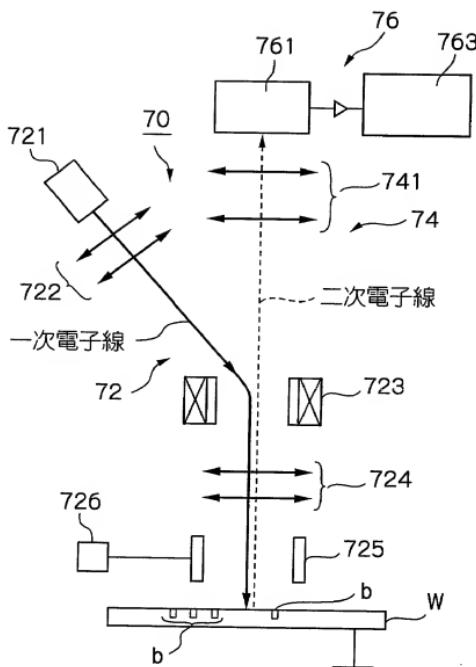


図10

図 11



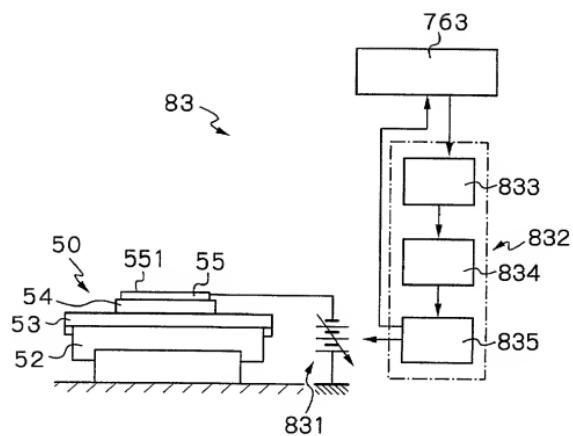


図12

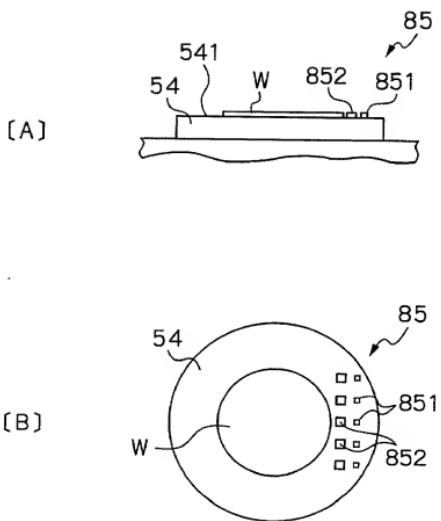


図13

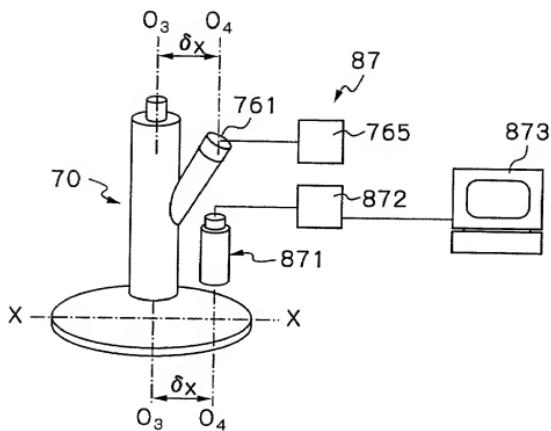


図14

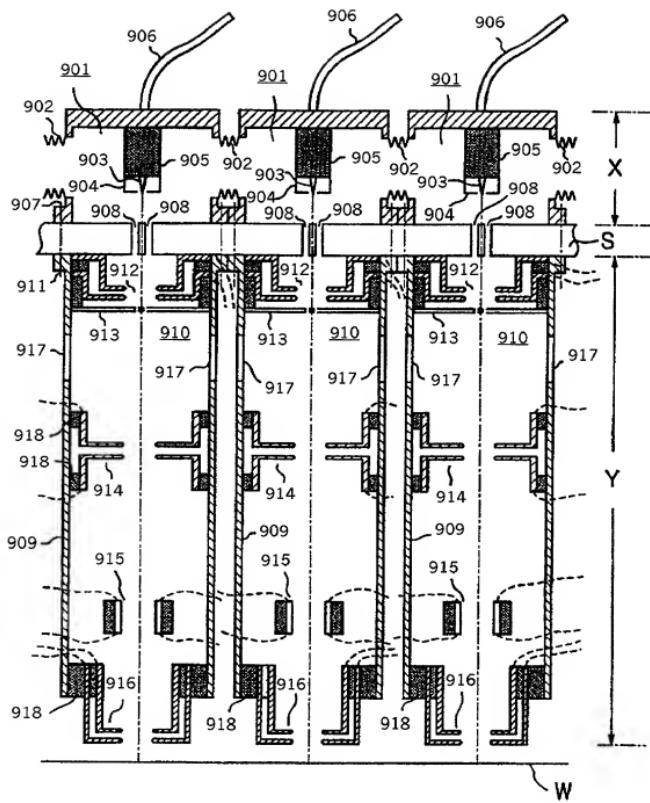
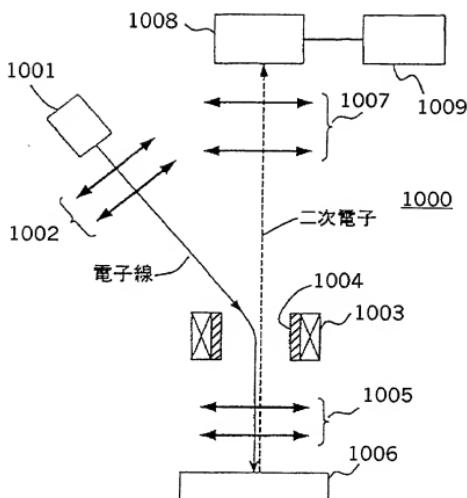


図 15



四 16

### 金属別の絶縁破壊発生確率

金属	仕事関数[eV]	絶縁破壊発生確率
アルミニウム	4.2	大
金	4.9	中
白金	5.3	小

17

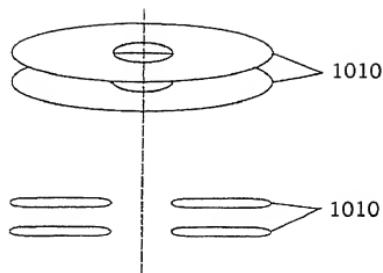


図18

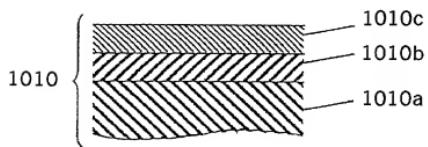


図19

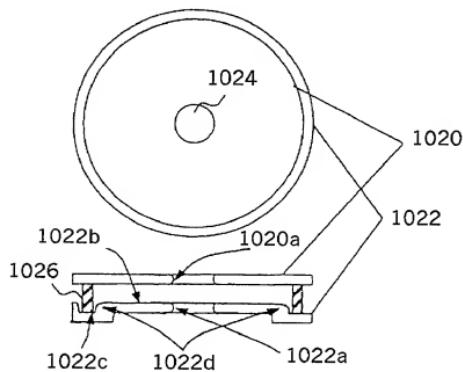


図20

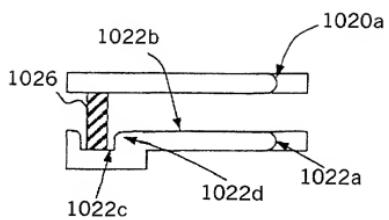
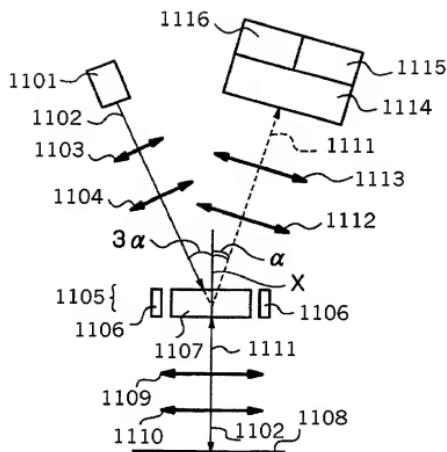


図21



22

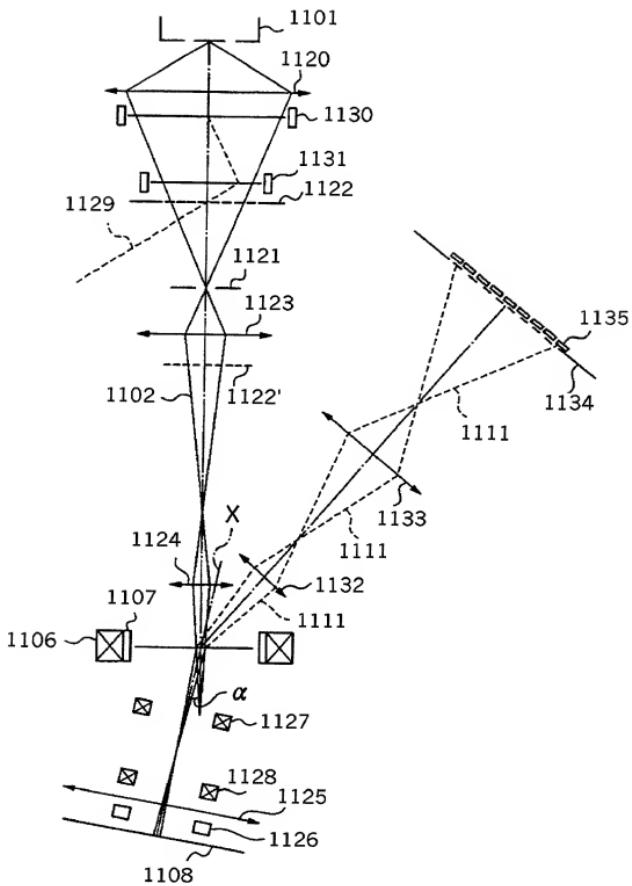


図23

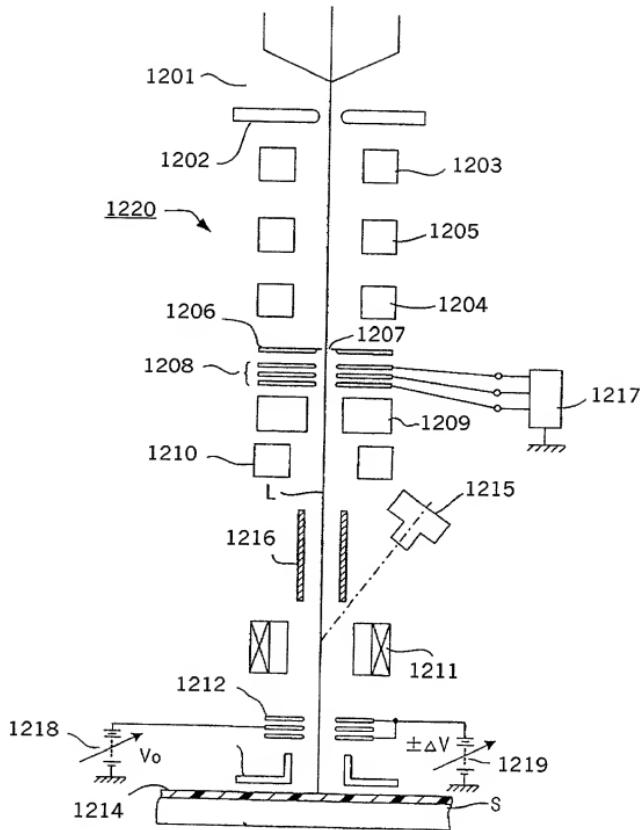
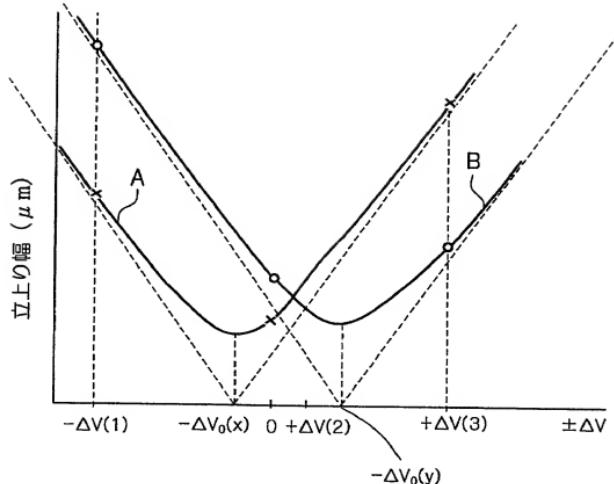


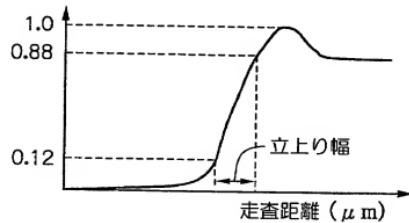
図24

図25

(a)



(b)



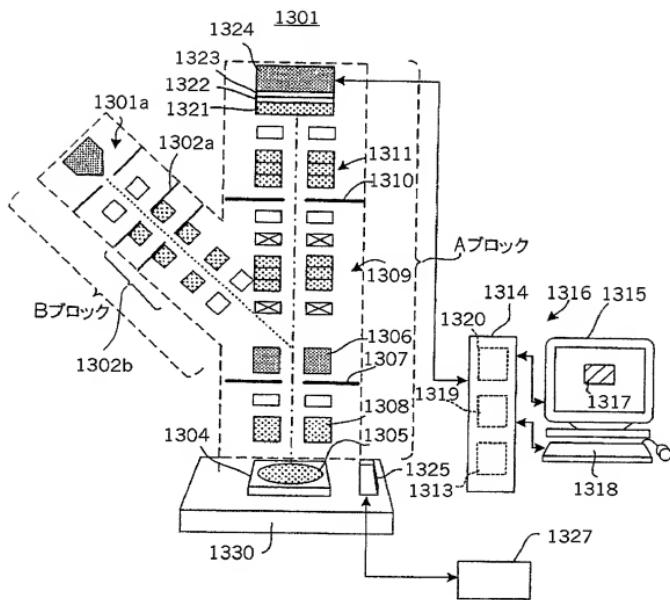


図26

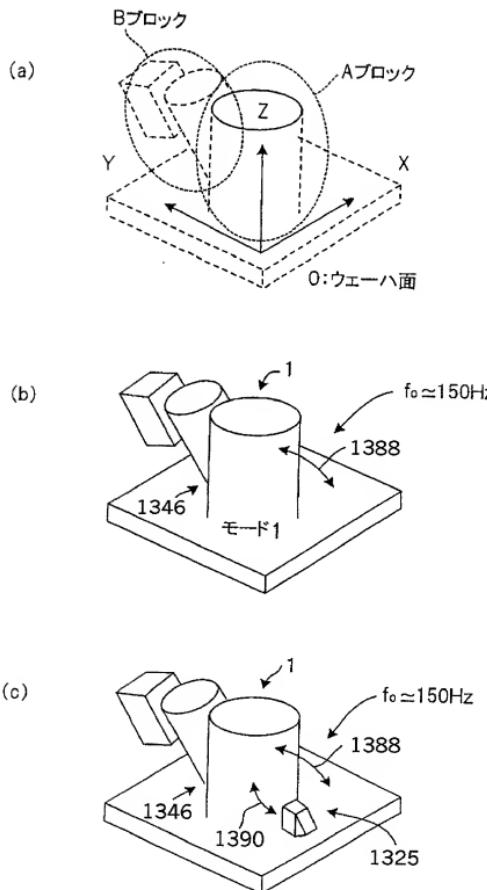
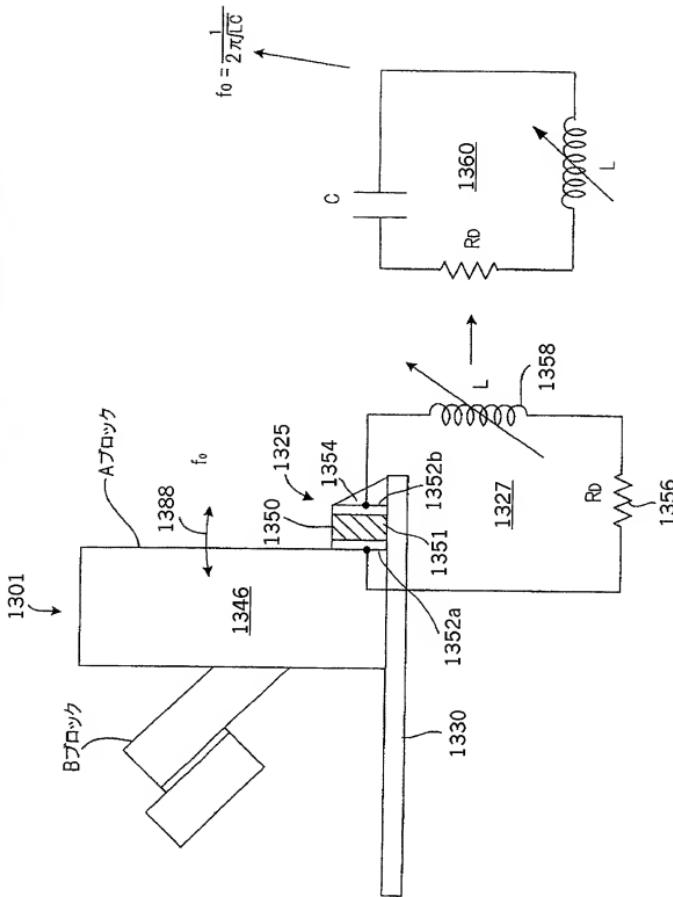


図27



82

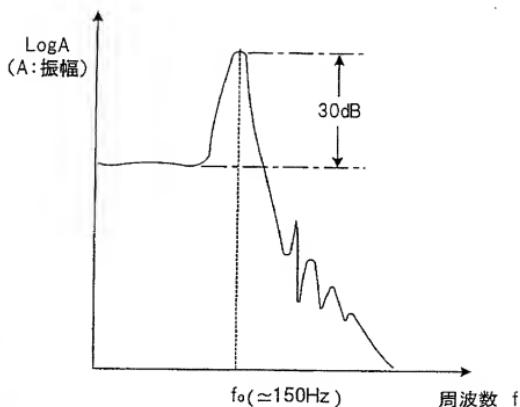


図29

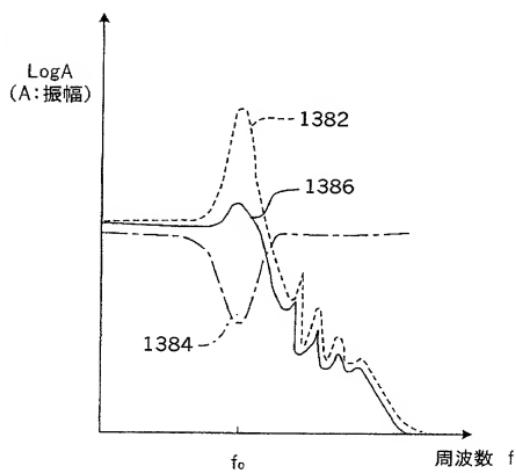
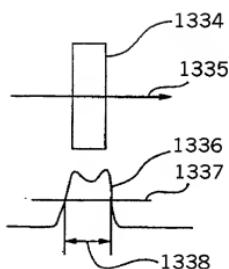


図30

(a)



(b)



(c)

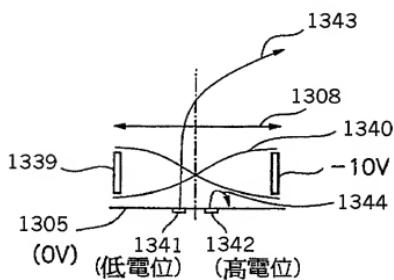


図31

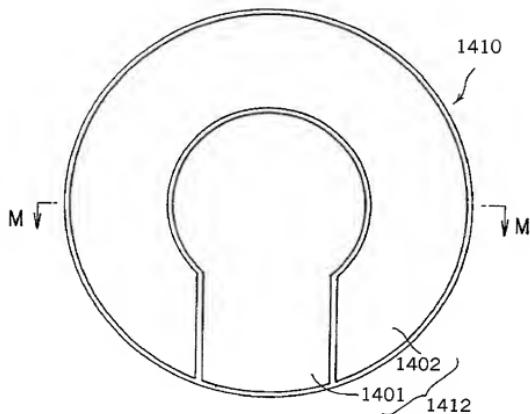


図32

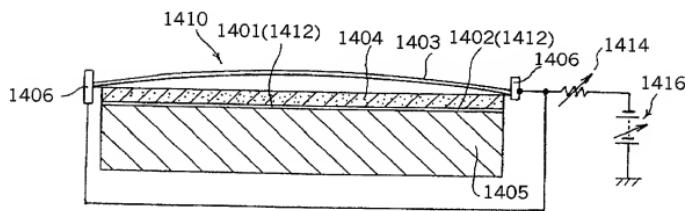
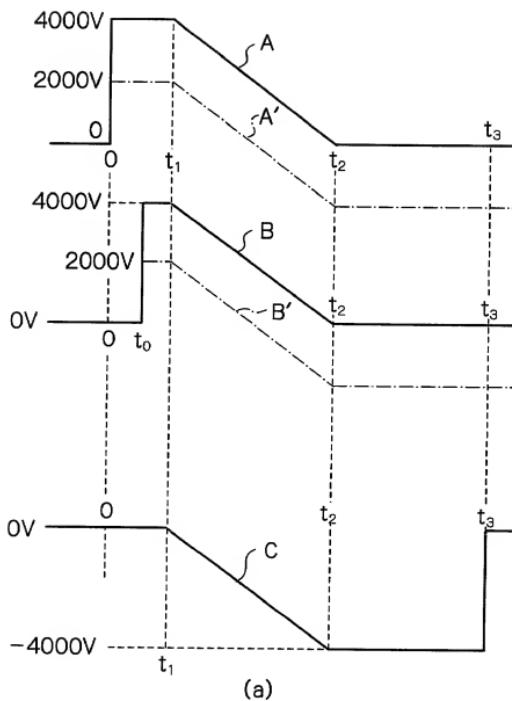
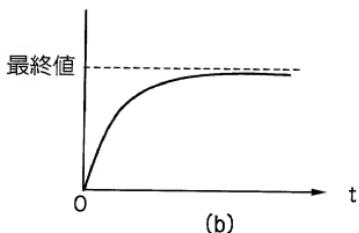


図33

図 34



(a)



(b)

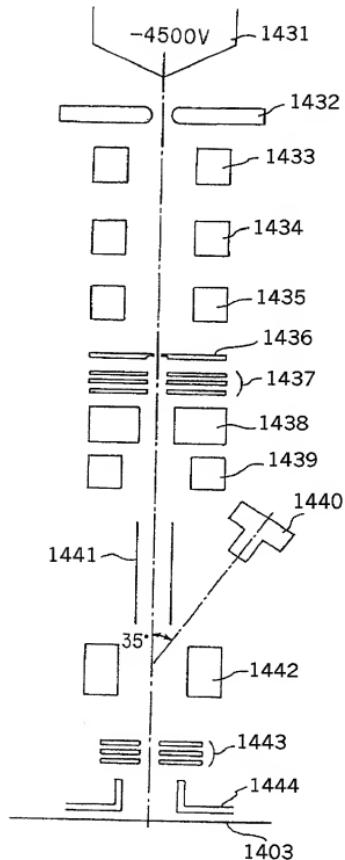


图35

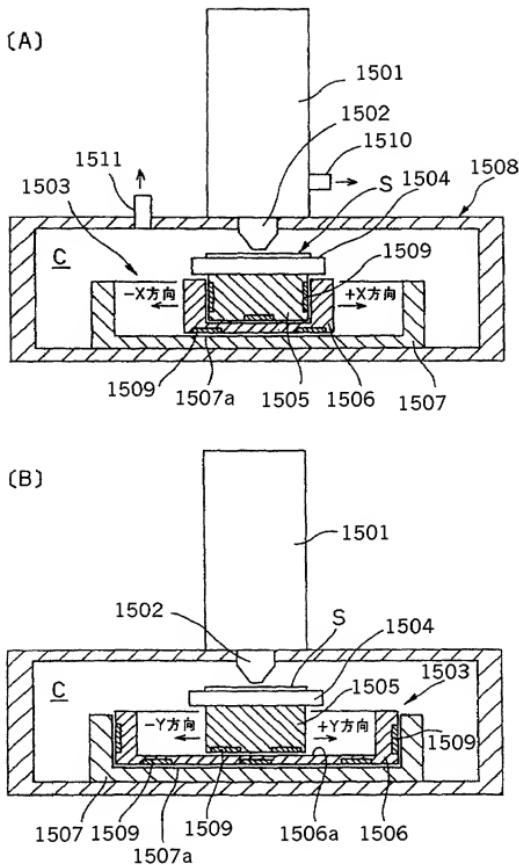


図36

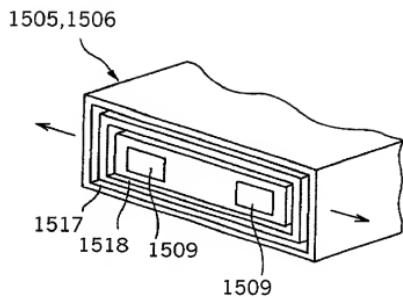


図37

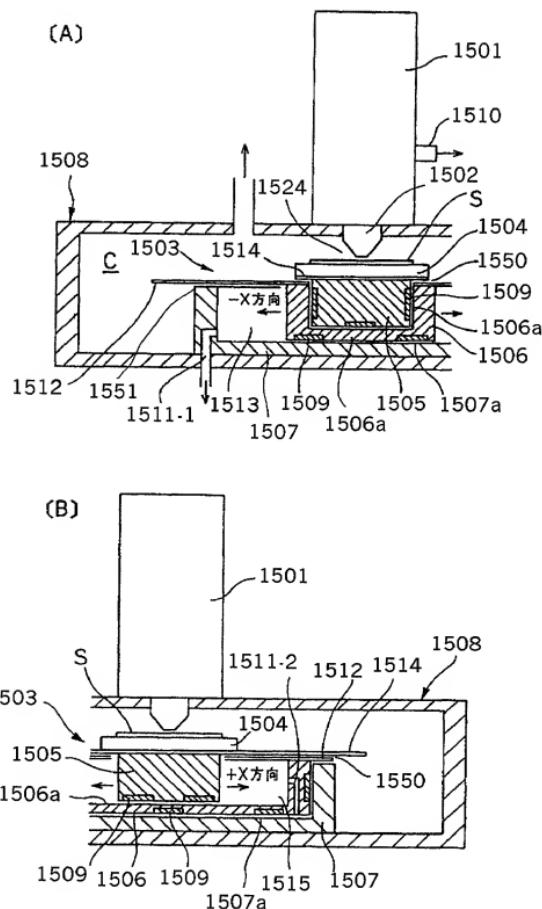


図38

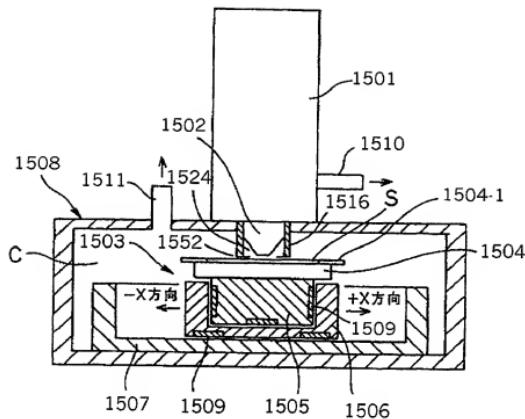


图 39

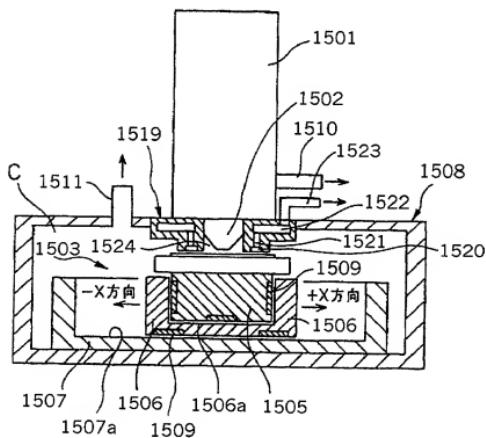


图 40

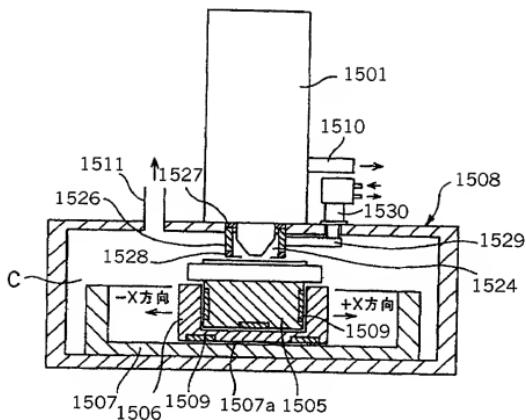


図4-1

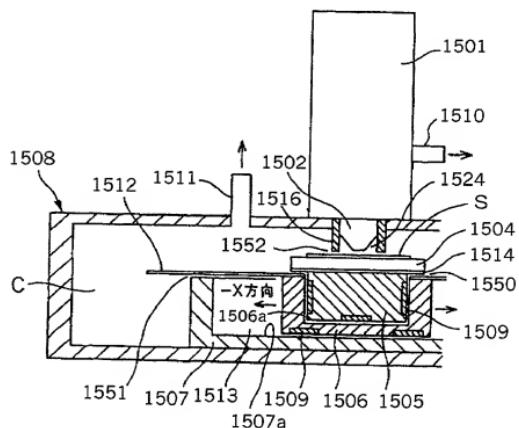


図4-2

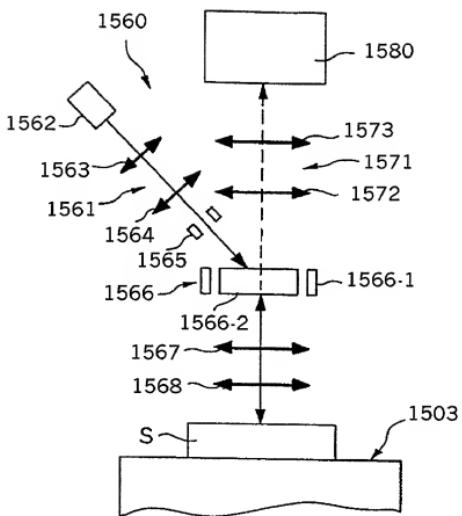


図43

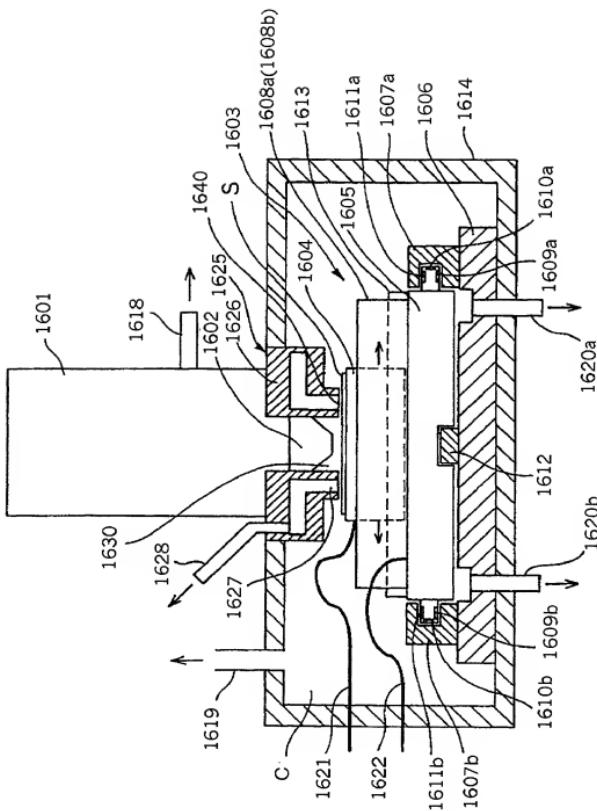
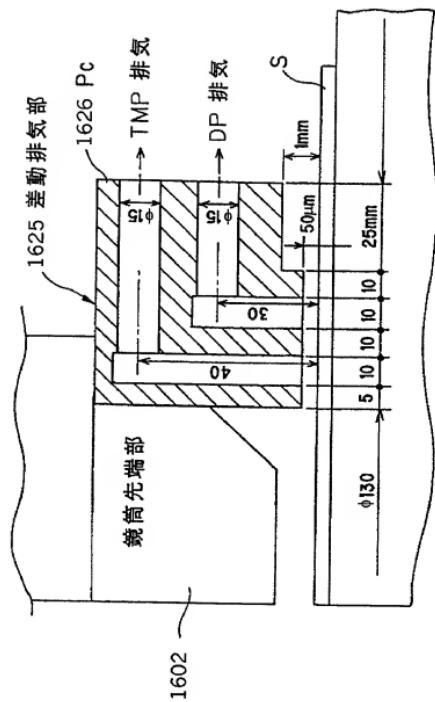
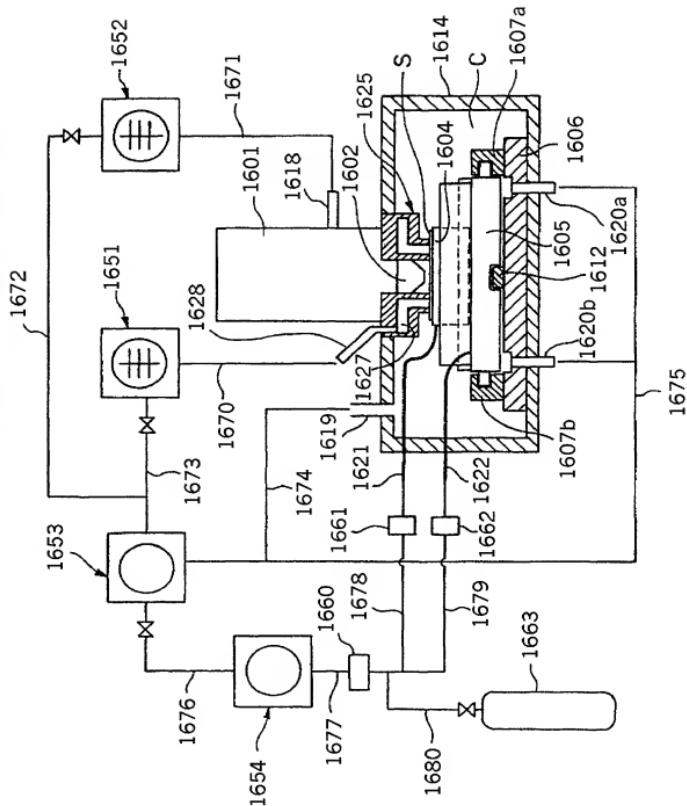


図44

図 45





四六

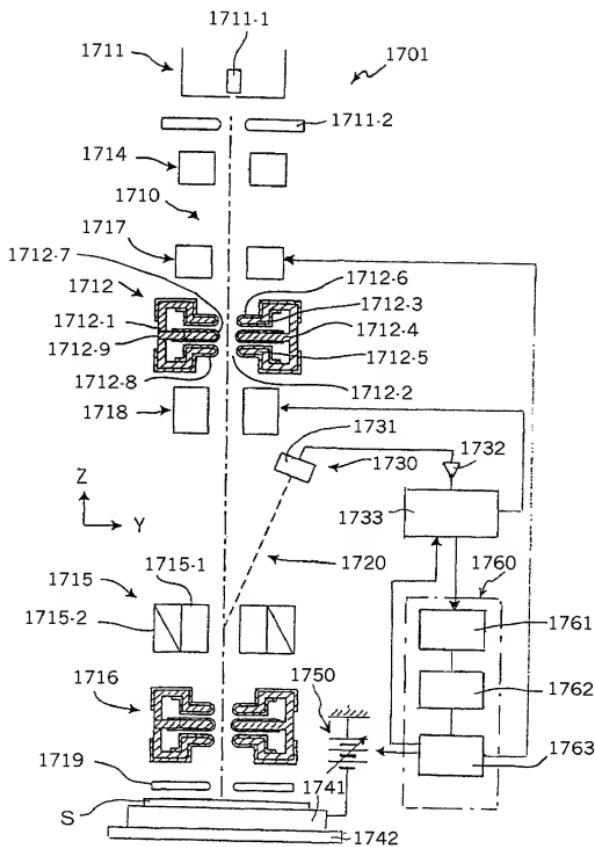


図47

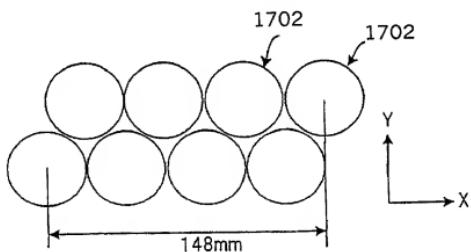


図48

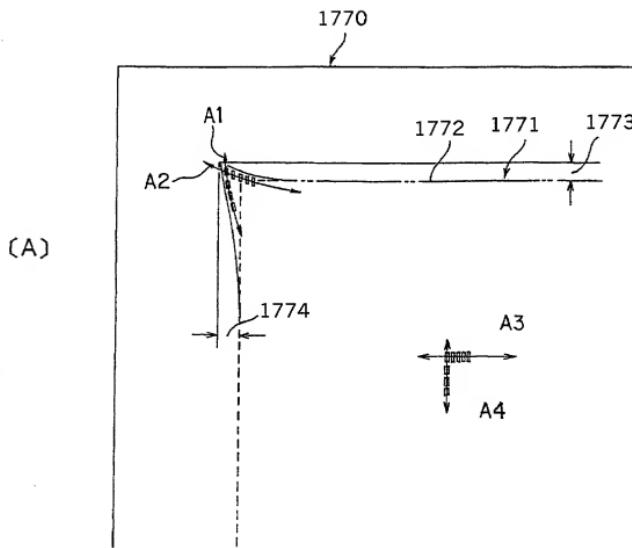
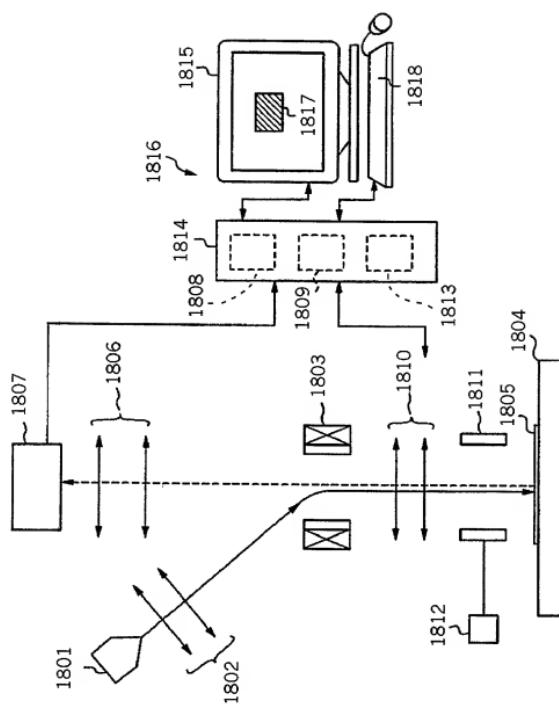


図49

図50



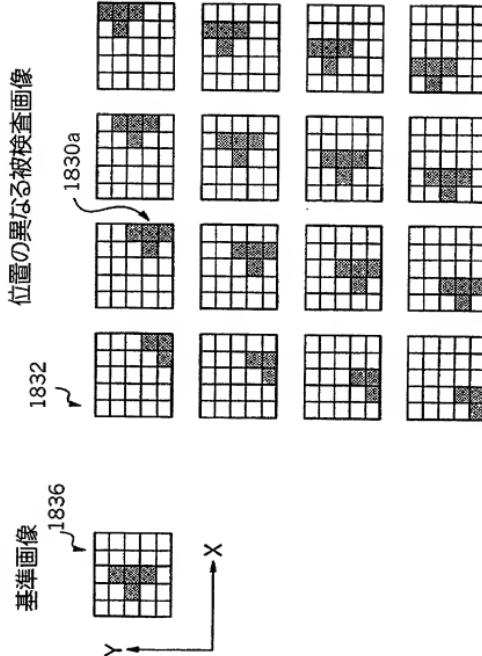


図51

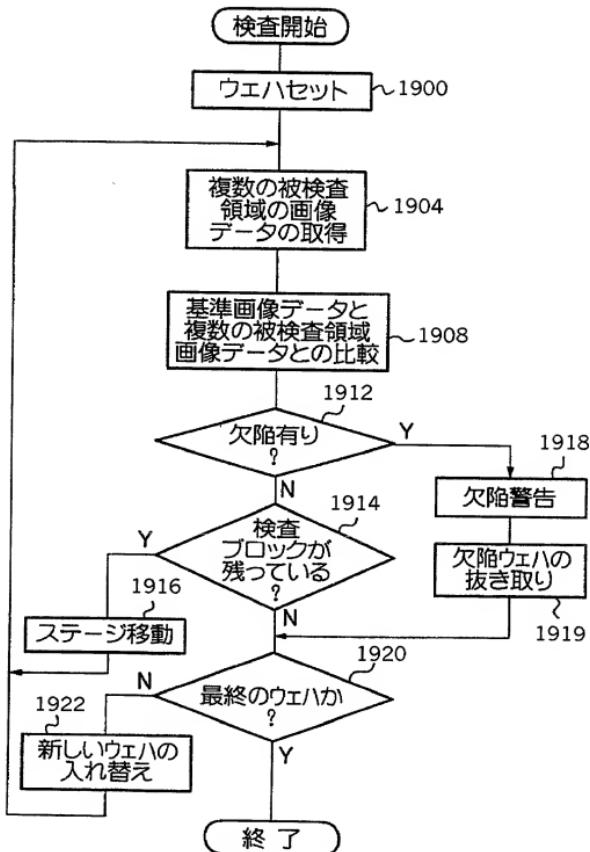


図52

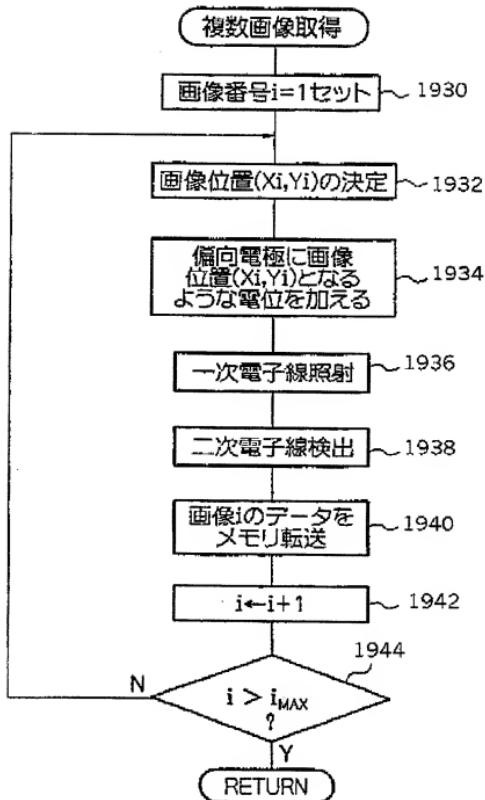


図53

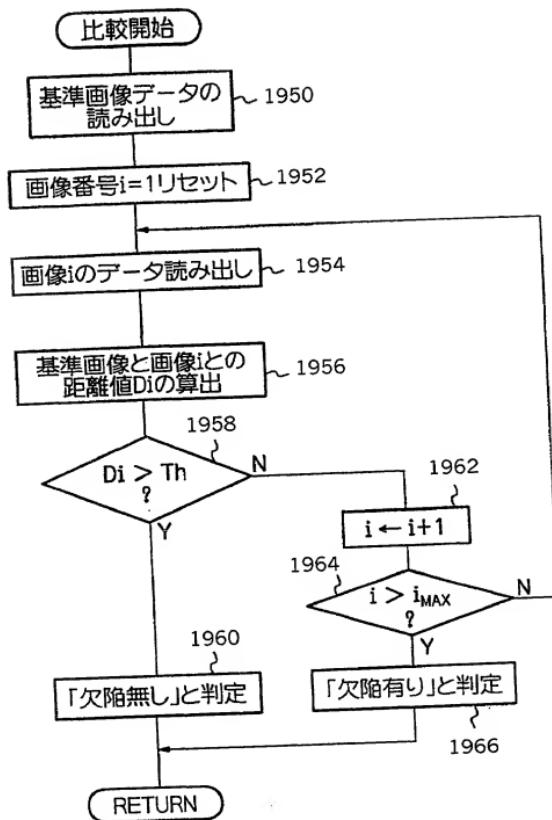


図54

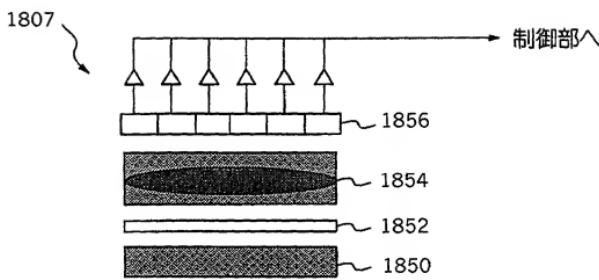


図55

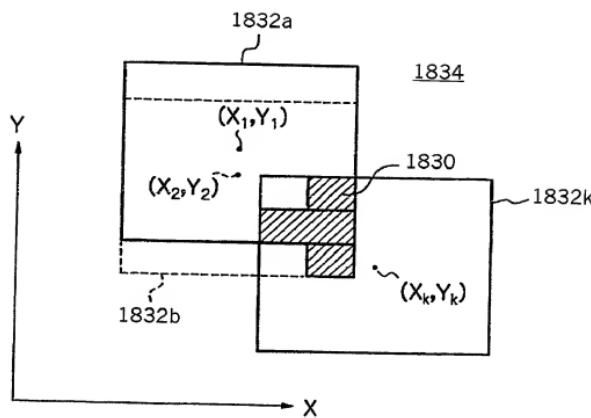


图 56